

| | | | | | | | | | | | |
|---|--|---------------------------------------|--|------------------------------------|--|---------------------------------------|--|---|--|------------------------|--|
| ENGINEERING CHANGE ORDER PREMIER AVIATION, INC 2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052 FSCM - OSUV8 | | | | REQUESTED BY ENGINEERING | | DATE OF CHANGE 4/6/98 | | ECO NO. 5471 <small>ECO 5171</small> | | SHEET OF 1 11 | |
| FAA SUBMITTAL YES <input checked="" type="checkbox"/> X NO <input type="checkbox"/> | | | | STC(s) AFFECTED: SH8443SW | | | | APPROVALS | | | |
| | | | | PREPARED BY C.R.SHORT | | | | DATE 03/19/98 | | | |
| REASON FOR CHANGE | | | | DOCUMENT AFFECTED | | | | | | | |
| FACILITATE FAB. | | | | DESIGN ERROR | | | | CHECKED | | DATE | |
| CUSTOMER CHANGE | | | | DRAFTING ERROR | | | | <i>J. Harbinger</i> | | 4/6/98 | |
| DESIGN CHANGE | | <input checked="" type="checkbox"/> X | | ADDITION DESIGN INFO | | | | QUALITY | | DATE | |
| OTHER | | | | B64-13021 | | C C | | <i>Craig W. Smith</i> | | 4/6/98 | |
| | | | | TITLE | | BLEED AIR ECU DUCT ROUTING | | MANOR | | DATE | |
| | | | | | | | | <i>F. M. J.</i> | | 4/6/98 | |
| TYPE | | CLASSIFICATION | | | | | | ENGINEERING | | DATE | |
| INCORPORATED | | | | RECORD | | | | <i>S. Kalfus</i> | | 4/6/98 | |
| UNINCORPORATED | | <input checked="" type="checkbox"/> X | | STC | | <input checked="" type="checkbox"/> X | | | | | |
| | | | | PMA MINOR | | | | TSO MINOR | | | |
| | | | | PMA MAJOR | | | | TSO MAJOR | | | |

DESCRIPTION:

(NOTE TO INCORPORATOR: USE NEXT AVAILABLE
NOTE NUMBER UPON INCORPORATION)

SHEET 1 NOTES: ADD

#. PERMISSIBLE TO SUBSTITUTE EQUIVALENT AN960 WASHER FOR NAS1149 WASHER UNTIL CURRENT STOCK IS DEPLETED. REFERENCE NAS1149 SPECIFICATION FOR SUBSTITUTION TABLE.

⚠ DIMPLE INSIDE OF DUCT AS REQUIRED FOR FLUSH FIT OF MS24694-S68 SCREW.

⚠ ASSY -03 AND -07 ARE NOT AVAILABLE FOR NEW DESIGNS AS OF 19 MARCH 1998. USE -31 AND -73 ASSY FOR NEW PRODUCTIONS.

WAS

3. CHEM FILM (ALODINE) ALL ALUMINUM DETAIL PARTS PER MIL-C-5541. CLASS 1A. AND PRIME WITH EPOXY PRIMER PER MIL-P-23377C ZINC CHROMATE PRIMER PER MIL-TTP-1757, OR EQUIVALENT.

IS

3. CHEM FILM (ALODINE) ALL ALUMINUM DETAIL PARTS PER PREMIER SPECIFICATION 008-93003 AND PRIME WITH EPOXY PRIMER PER MIL-P-23377 OR ZINC CHROMATE PRIMER PER MIL-TTP-1757.

PARTS LIST:

ADD -31 AND -73 ASSY

| | | | | | | |
|----------|---|-----|-------------------|--|--|--|
| ⚠ | 1 | -73 | DUCT MODIFICATION | | | |
| ⚠ | 1 | -31 | DUCT VALVE ASSY | | | |

WAS

| | | | | | | |
|--|---|-----|-------------------|--|--|--|
| | 1 | -07 | DUCT MODIFICATION | | | |
|--|---|-----|-------------------|--|--|--|

IS

| | | | | | | |
|----------|---|-----|-------------------|--|--|--|
| ⚠ | 1 | -07 | DUCT MODIFICATION | | | |
|----------|---|-----|-------------------|--|--|--|

WAS

| | | | | | | |
|--|---|-----|-----------------|--|--|--|
| | 1 | -03 | DUCT VALVE ASSY | | | |
|--|---|-----|-----------------|--|--|--|

IS

| | | | | | | |
|----------|---------|------------|-----------------|---------------|---------------|---------|
| ⚠ | 1 | -03 | DUCT VALVE ASSY | | | |
| | QTY PER | PART NO. | DESCRIPTION | SPECIFICATION | CODE IDENT NO | ITEM NO |
| | -01 | PARTS LIST | | | | |

ENGINEERING CHANGE ORDER
PREMIER AVIATION, INC
2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
FSCM - OSUV8

ECO NO.
5471
ECO 5471

SHEET 2
OF 11

DESCRIPTION: PARTS LIST ADD -31 AND -73 ASSY

| 2 | 2 | JX-45 | ACTUATOR | HONEYWELL | | |
|---------|---------|-----------------|-------------|---|---------------|---------|
| 2 | 2 | ISX1-T | SWITCH | HONEYWELL | | |
| A/R | | 08046 | ADHESIVE | 3M | | |
| 1 | 1 | 415A292-3 | MOTOR | GLOBE MOTORS | | |
| 1 | | 412-073-112-101 | DUCT | BELL | | |
| 6 | 7 | 140-001-3 | RIV WASHER | BELL | | |
| 10 | | 140-001-1 | RIV WASHER | BELL | | |
| 2 | | 001-0030-0 | CLIP | MACE | | |
| 2 | 3 | NAS43DD3-64 | SPACER | | | |
| 7 | 7 | NAS1149D0316J | WASHER | | | |
| 3 | 3 | MS35206-211 | SCREW | | | |
| 2 | | MS27039-1-24 | SCREW | | | |
| | 3 | MS27039-1-22 | SCREW | | | |
| 2 | | MS27039-1-08 | SCREW | | | |
| | 1 | MS27039-1-07 | SCREW | | | |
| 1 | | MS24694-S68 | SCREW | | | |
| 1 | | MS24665-155 | COTTER PIN | | | |
| | 1 | MS21919WDG6 | CLAMP | | | |
| 5 | 4 | MS21042L3 | NUT | | | |
| 10 | | MS20470AD4 | RIVET | | | |
| 6 | 7 | MS20426AD3 | RIVET | | | |
| 1 | 2 | AN565A4H2 | SET SCREW | | | |
| 1 | 1 | -119 | LEVER | MAT'L: AND10134-1002 2024-T3511 Q0-A-200/3 | | |
| 1 | | -117 | SPACER | MAT'L: .375 DIA BAR 6061-T651 Q0-A-225/8 | | |
| 1 | | -115 | DOUBLER | MAT'L: .125 THK ALUM 2024-T3 Q0-A-250/4 | | |
| | 1 | -113 | SPACER | M/F: NAS43DD4-160 SPACER | | |
| | 1 | -111 | SPACER | MAT'L: .375 DIA BAR 2024-T3 Q0-A-200/3 | | |
| | 1 | -109 | BRACKET | MAT'L: .032 THK ALUM 2024-T3 Q0-A-250/4 | | |
| 1 | | -105 | BRACKET | MAT'L: .032 THK ALUM 2024-T3 Q0-A-250/4 | | |
| 1 | | -103 | BRACKET | MAT'L: .032 THK ALUM 2024-T3 Q0-A-250/4 | | |
| 1 | | -101 | ROD | MAT'L: .193 DIA ROD 4130 STEEL | | |
| 1 | | -99 | FLAP | MAT'L: .100 THK KYDEX KLEERDEX COMPANY | | |
| | 1 | -89 | FLAP | MAT'L: .032 THK ALUM 2024-T3 Q0-A-250/4 | | |
| 1 | | -79 | SPACER | MAT'L: AL .375 SQ BAR 2024-T3 Q0-A-200/3 | | |
| 1 | 1 | -77 | BRACKET | MAT'L: .064 THK ALUM 2024-T3 Q0-A-250/4 | | |
| 1 | 1 | -75 | SPACER | MAT'L: AL .50 DIA BAR 2024-T3 Q0-A-200/3 | | |
| | 1 | -25 | DUCT ASSY | | | |
| QTY PER | QTY PER | PART NO. | DESCRIPTION | SPECIFICATION | CODE IDENT NO | ITEM NO |
| -73 | -31 | | PARTS LIST | | | |

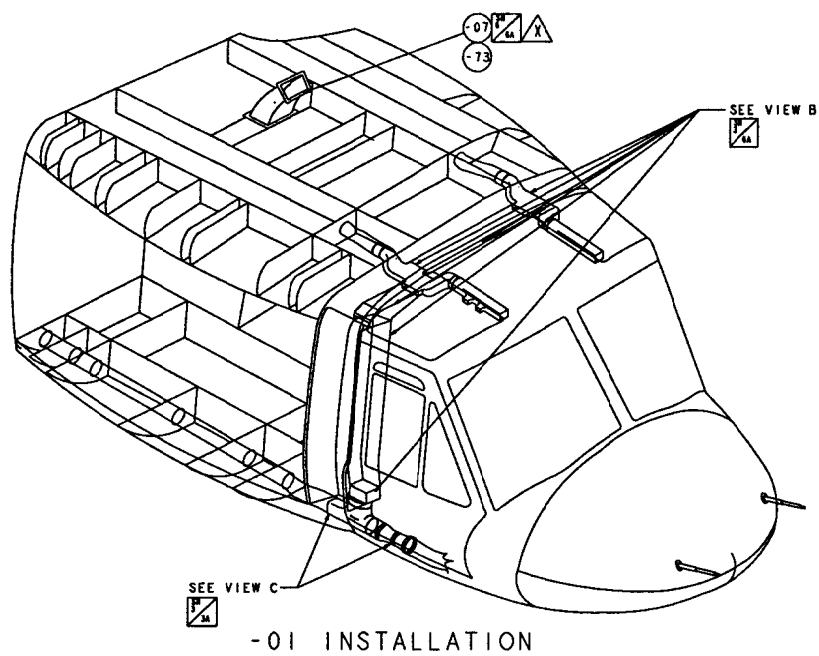
ENGINEERING CHANGE ORDER
PREMIER AVIATION, INC
2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
FSCM - OSUV8

ECO NO.
5471
ECO 5471

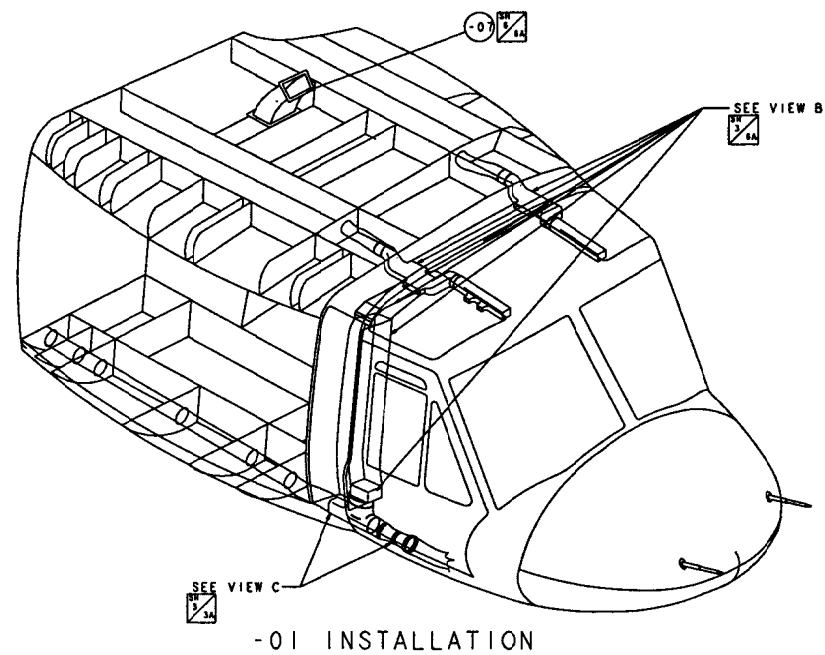
| | |
|-------|----|
| SHEET | 3 |
| OF | 11 |

DESCRIPTION: SHEET 1 ZONE 7A

"IS"



"WAS"



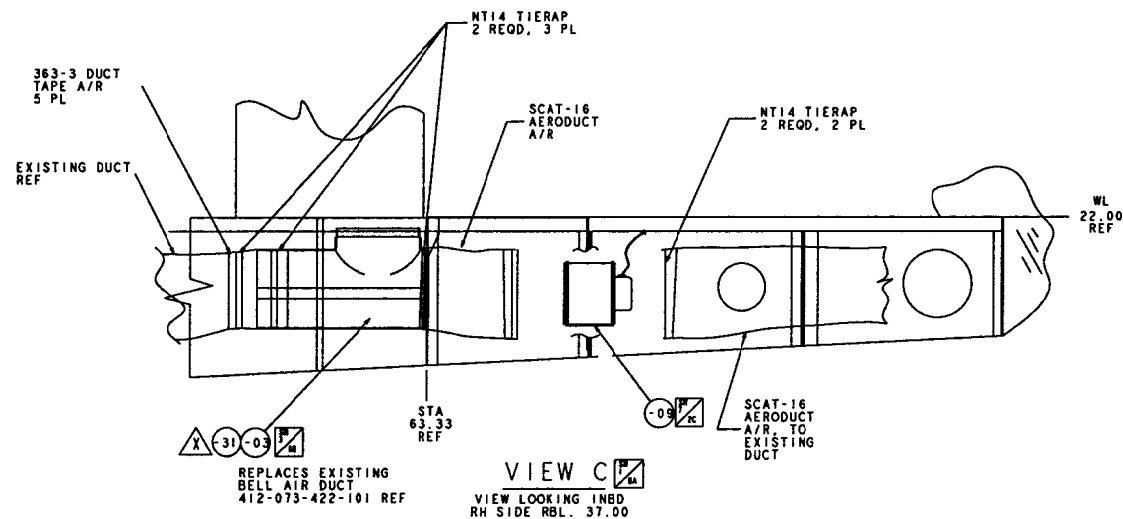
ENGINEERING CHANGE ORDER
 PREMIER AVIATION, INC
 2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
 FSCM - OSUV8

ECO NO.
 5471
 ECO 5471

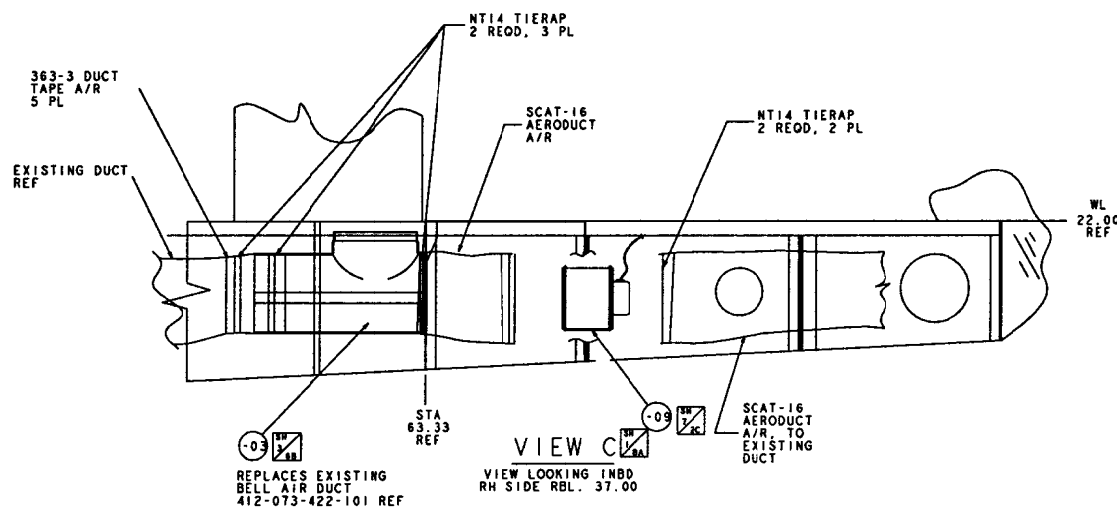
SHEET 4
 OF 11

DESCRIPTION:

SHEET 3 ZONE 3A
 "IS"



"WAS"

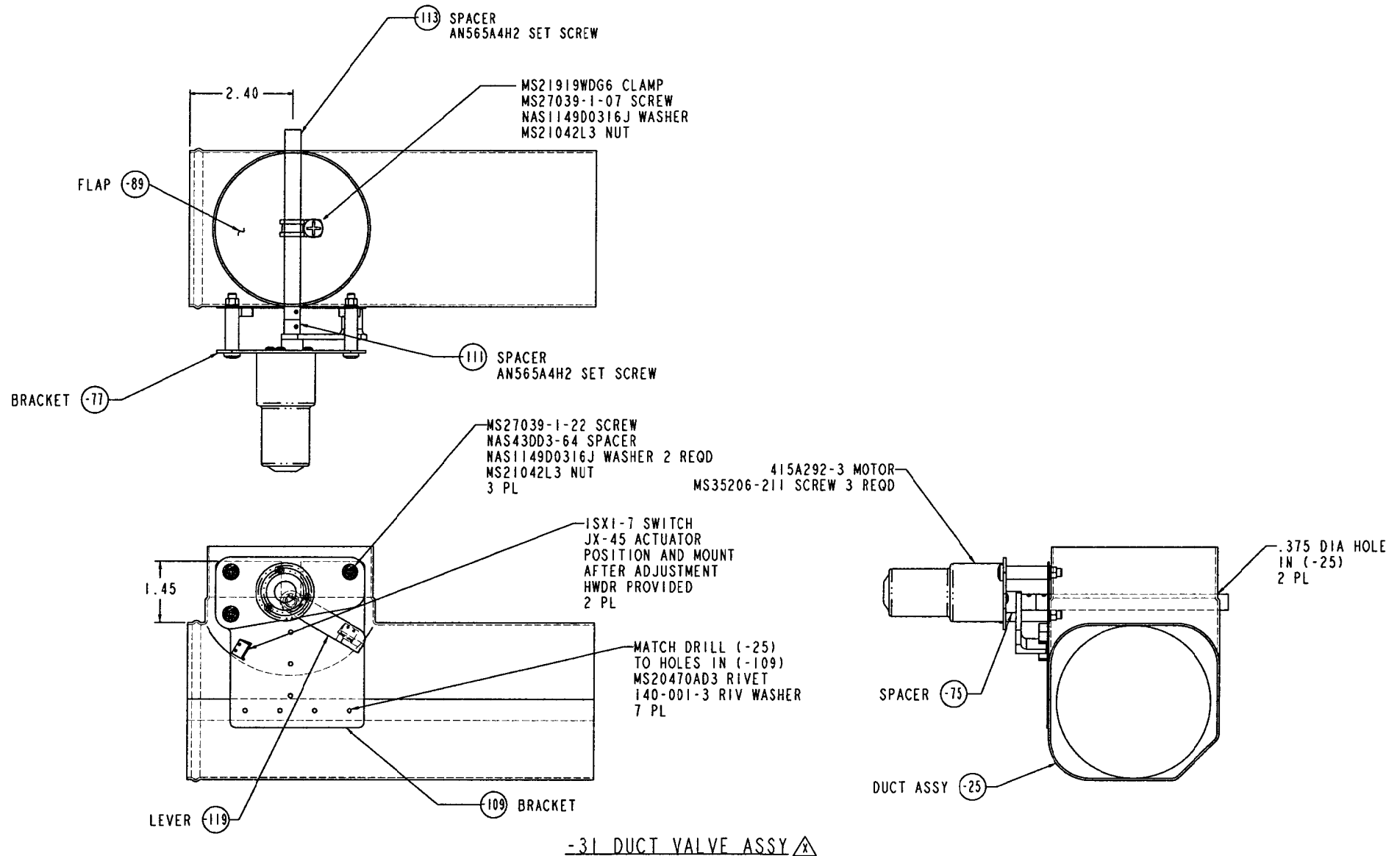


ENGINEERING CHANGE ORDER
 PREMIER AVIATION, INC
 2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
 FSCM - OSUV8

ECO NO.
 5471
 ECO 5471

| | |
|-------|----|
| SHEET | 5 |
| OF | 11 |

DESCRIPTION: ADD -31



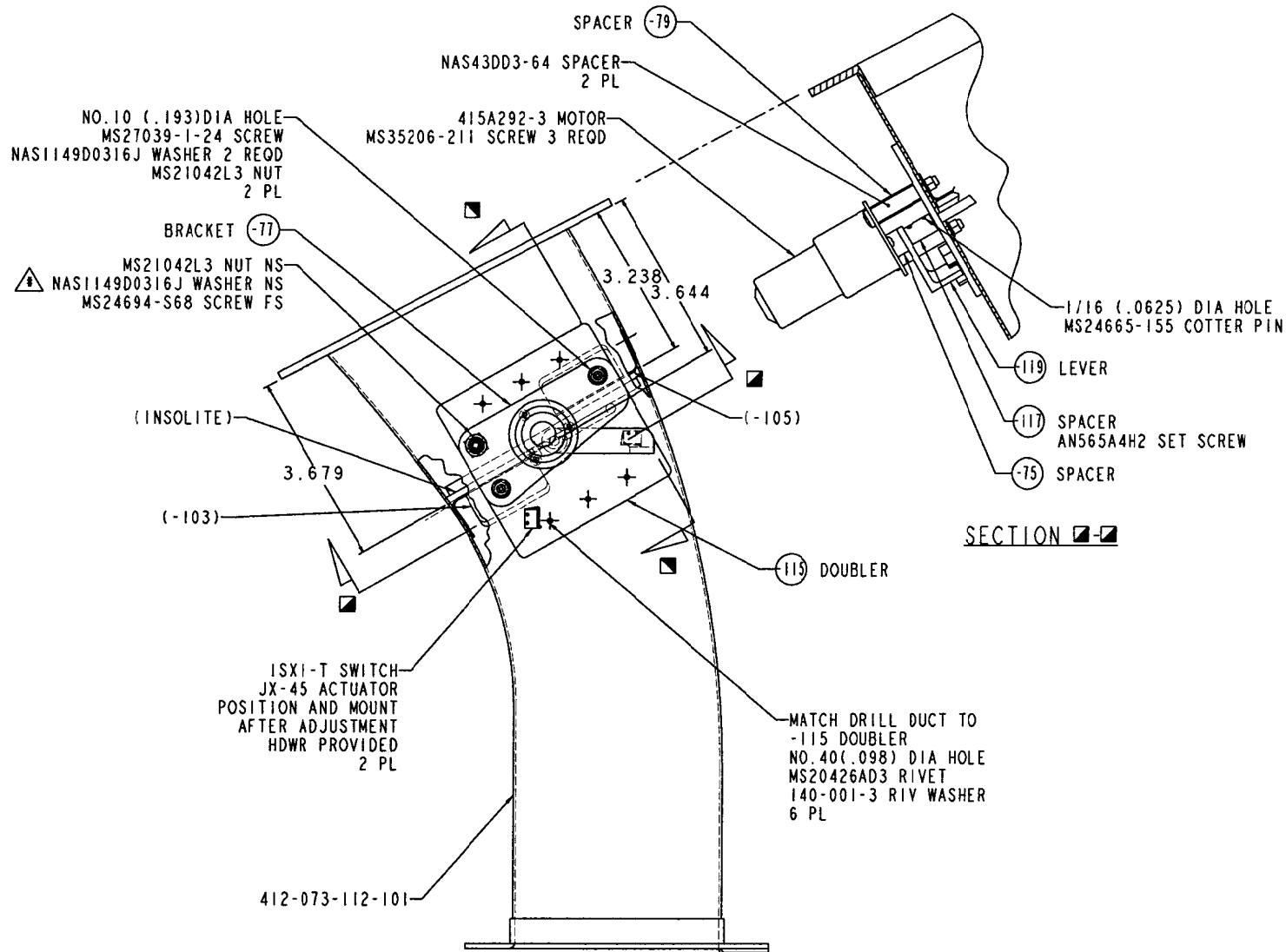
ENGINEERING CHANGE ORDER
PREMIER AVIATION, INC
 2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
 FSCM - OSUV8

ECO NO.
5471
 ECO 5471

| | |
|-------|----|
| SHEET | 6 |
| OF | 11 |

DESCRIPTION: **ADD -73**

(NOTE TO INCORPORATOR: USE NEXT AVAILABLE SECTION LETTER UPON INCORPORATION)



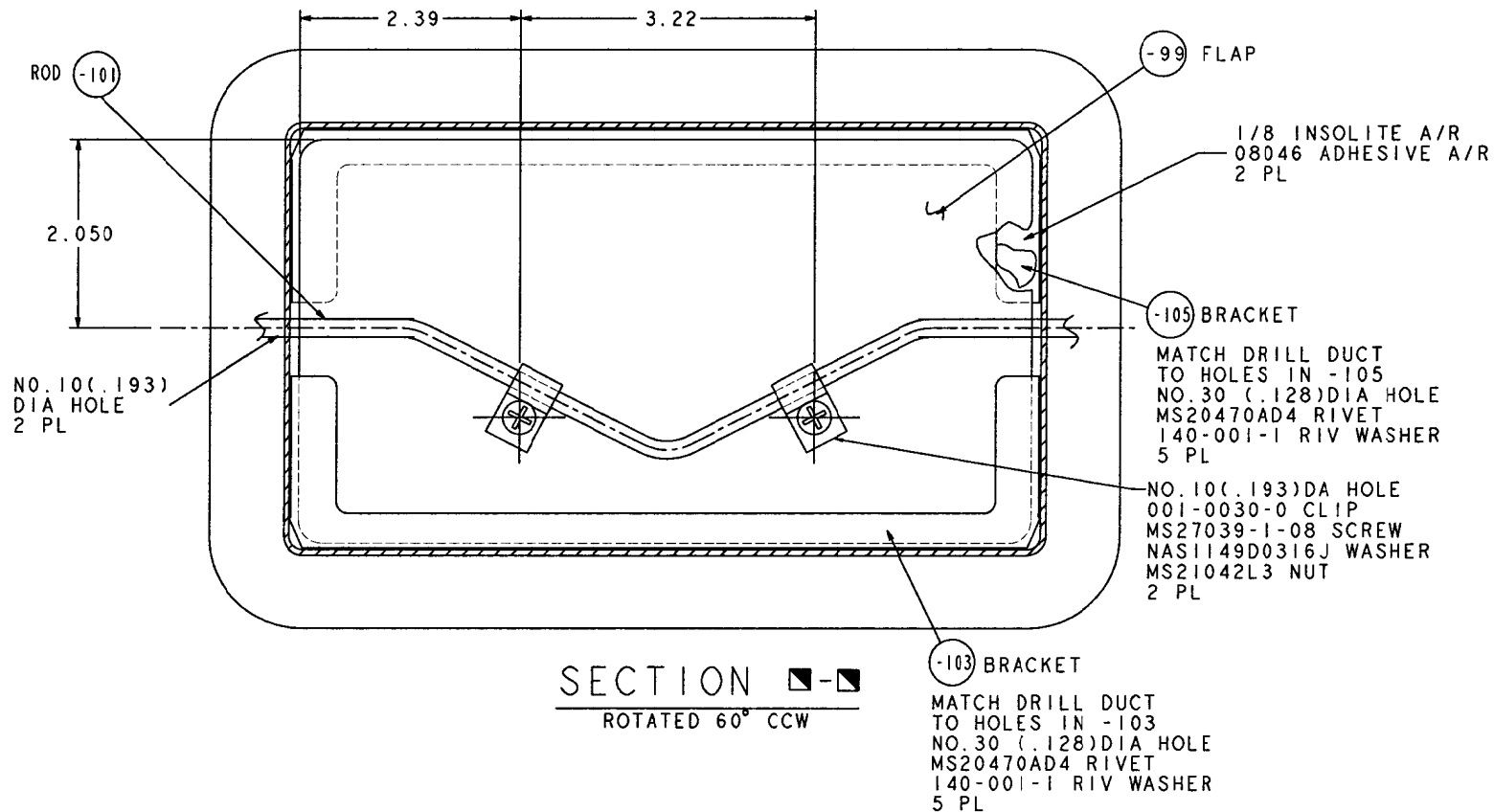
-73 DUCT MODIFICATION A

ENGINEERING CHANGE ORDER
 PREMIER AVIATION, INC
 2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
 FSCM - OSUV8

ECO NO.
 5471
 ECO 5471

SHEET 7
 OF 11

DESCRIPTION: ADD

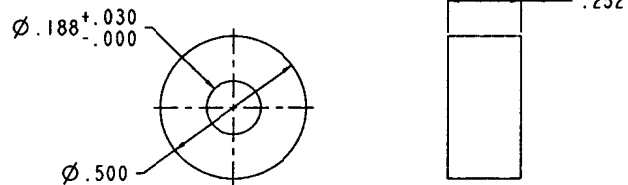


ENGINEERING CHANGE ORDER
PREMIER AVIATION, INC
2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
FSCM - OSUV8

ECO NO.
5471
ECO 5471

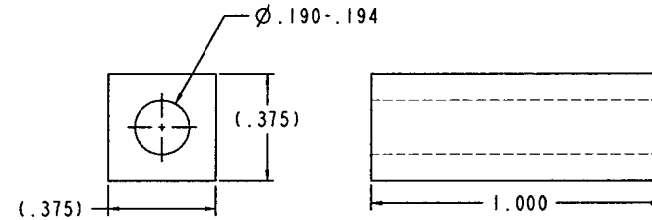
| | |
|-------|----|
| SHEET | 8 |
| OF | 11 |

DESCRIPTION: ADD DETAILS -75, -77, AND -79



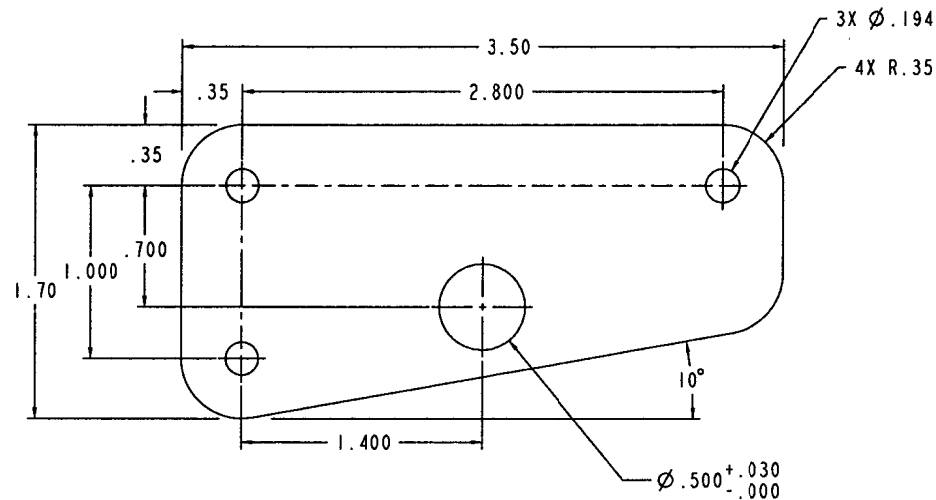
-75 SPACER

MAT'L: AL .500 DIA BAR 2024-T3 QQ-A-200/3



-79 SPACER

MAT'L: AL .375 SQ BAR 2024-T3 QQ-A-200/3



-77 BRACKET

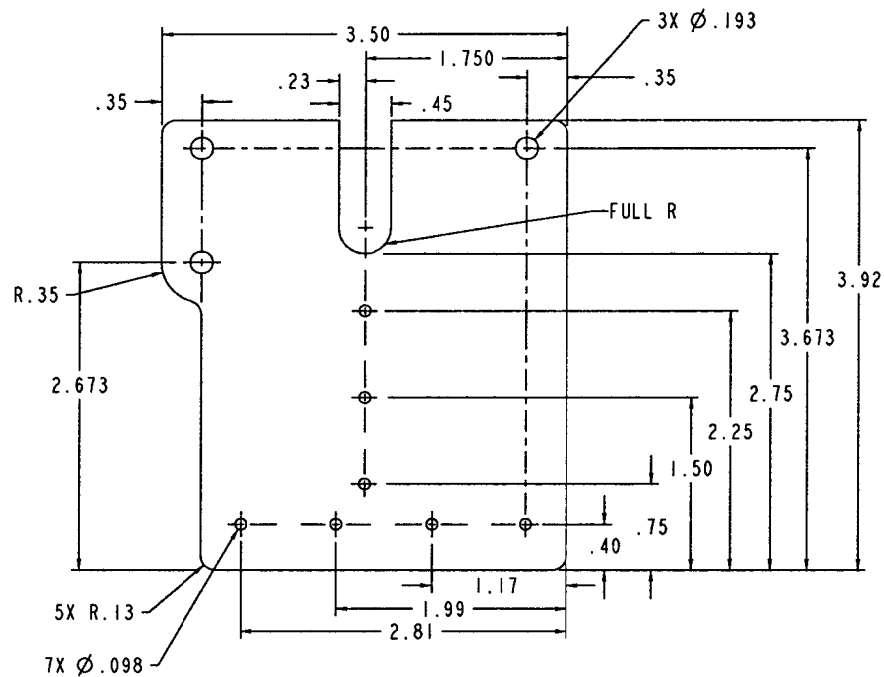
MAT'L: AL .064 THK
2024-T3 QQ-A-250/4

ENGINEERING CHANGE ORDER
PREMIER AVIATION, INC
2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
FSCM - OSUV8

ECO NO.
5471
ECO 5471

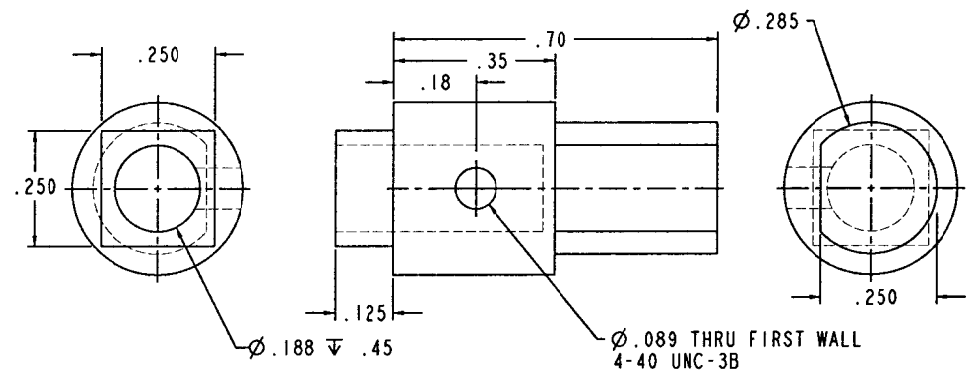
| | |
|-------|----|
| SHEET | 9 |
| OF | 11 |

DESCRIPTION: ADD DETAILS -109 AND -111



-109 BRACKET

MAT'L: AL .032 THK
2024-T3 QQ-A-250/4



-111 SPACER

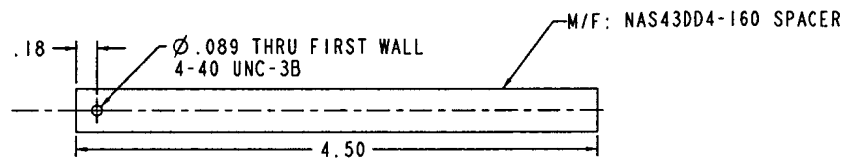
MAT'L: .375 DIA BAR 2024-T3 QQ-A-200/3

ENGINEERING CHANGE ORDER
PREMIER AVIATION, INC
2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
FSCM - OSUV8

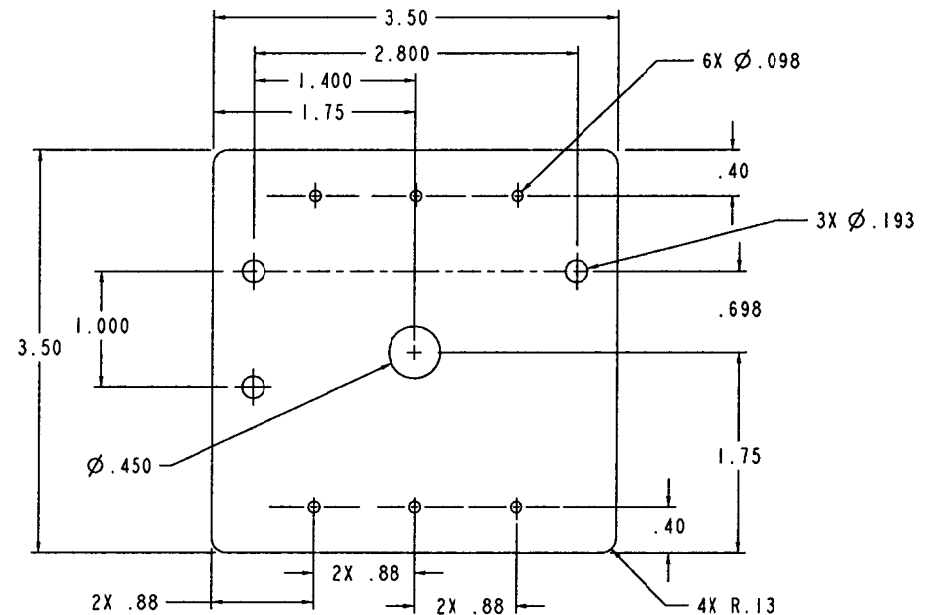
ECO NO.
5471
ECO 5471

SHEET 10
OF 11

DESCRIPTION: ADD DETAILS -113 AND -115



-113 SPACER



-115 DOUBLER

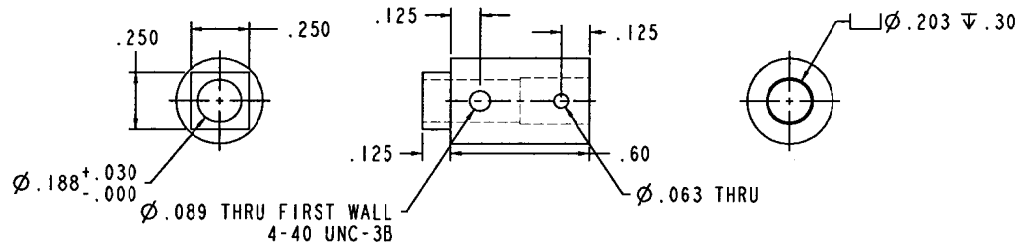
MAT'L: AL .125 THK
2024-T3,QQ-A-250/4

ENGINEERING CHANGE ORDER
 PREMIER AVIATION, INC
 2621 AVIATION PARKWAY, GRAND PRAIRIE, TX 75052
 FSCM - OSUV8

ECO NO.
 5471
 ECO 5471

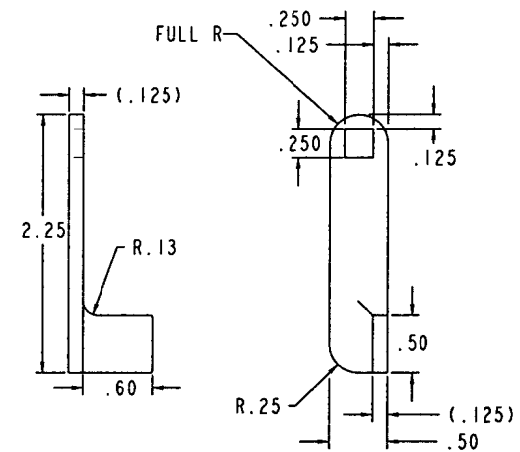
SHEET 11
 OF 11

DESCRIPTION: ADD DETAILS -117 AND -119



-117 SPACER

MAT'L: .375 DIA ROUND
 6061-T651, QQ-A-225/8



-119 LEVER

MAT'L: AND10134-1002
 2024-T3511, QQ-A-200/3